

ECS Configuration Change Request

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CCR No. <u>98-0673</u>	Logged Date <u>6-4-98</u>	Rev. <u>-</u>	Request Type <u>CCR</u>
Priority Routine <input type="checkbox"/> Urgent <input checked="" type="checkbox"/> Emergency <input type="checkbox"/>	Affected Release		Change Class <u>IV</u>
Title (description) Heirarchical Data Format Upgrade			
Documents Affected HDF-EOS Users Guide for the ECS Project SDP Toolkit Users Guide for the ECS Project		Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference ECSed15281 ECSed15283	
RTM Change <input type="checkbox"/> Start New Baseline <input type="checkbox"/>			
Problem The current version of HDF used by the toolkit, Data Server and Ingest is 4.1 r1. This version contains a bug for which a fix is needed by the MISR team. The problem is that user-defined fill values do not work with compression turned on.			
Proposed Solution HDF Version 4.1r2 fixes the problem. This version is currently available from NCSA. This new version is backward compatible with the older versions, however, regression testing is required, for all subsystems using HDF.			
Impact Analysis:			
Organizations Affected:	BOO <input type="checkbox"/>	Contracts <input type="checkbox"/>	ECS Chief Eng <input type="checkbox"/>
Procurement <input type="checkbox"/>	OO <input checked="" type="checkbox"/>	Rel. Dev <input type="checkbox"/>	Rel. A <input type="checkbox"/>
Science Off <input checked="" type="checkbox"/>	Security <input type="checkbox"/>	Subcontract <input type="checkbox"/>	Sys. Eng <input checked="" type="checkbox"/>
			FOS <input type="checkbox"/>
			Rel. B <input checked="" type="checkbox"/>
			Sys Verif Acpt <input type="checkbox"/>
			M&O <input checked="" type="checkbox"/>
			SCDO Arch. <input type="checkbox"/>
Cost:	None <input type="checkbox"/>	Small <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>
		(Not exceeding \$100,000)	(\$100,000 to \$500,000)
			Large <input type="checkbox"/>
			(Over \$500,000)
Schedule:	None <input type="checkbox"/>	Other	
Additional LOC	<u>None</u>	Man-Months	
Materials			
Originator <u>Larry Klein</u>	Signature <u>[Signature]</u>		Date <u>JUN 4, 98</u>
Office <u>SDE</u>	Office Manager	Signature <u>[Signature]</u>	Date <u>6/4/98</u>
Disposition	Approved <input type="checkbox"/>	Approved w/Comment <input checked="" type="checkbox"/>	Forward <input type="checkbox"/>
			Disapproved <input type="checkbox"/>
Comments: <u>Approved for ToolKit testing only. Coordination with Data Server must take place.</u>			
CCB Chairperson <u>[Signature]</u>		Signature	Date

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